```
File 347:JAPIO Nov 1976-2005/Jan(Updated 050506)
         (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200533
         (c) 2005  Thomson Derwent

Set     Items   Description
S1         74   (MULTIDIMENSION? OR (MULTI OR N)()DIMENSION?)(5N)VIEW? ?
S2         20   S1(5N)(GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR -
              FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR -
              BUILD? OR ESTABLISH? OR COMPUTE OR COMPUTES OR COMPUTED OR CO-
              MPUTING OR DERIV??? OR CALCULA?)
S3     758470   MEASURES OR MEASUREMENT? ? OR METRIC? ? OR STATISTIC??
S4         848  (MAP? ? OR MAPP???)(5N)(QUERY OR QUERIES OR REQUEST? ?)
S5         813  (DIMENSION?? OR MULTIDIMENSION??)(5N)(INDEX?? OR INDICE? ?)
S6        6094  (MASTER OR MAIN OR PRIMARY OR PARENT OR TABLE? ?)(5N)(INDE-
              X?? OR INDICE? ?)
S7         416  (MULTIDIMENSION? OR (MULTI OR N)()DIMENSION?)(5N)(MAP???? -
              OR CORRELAT? OR ASSOCIAT? OR CORRESPOND?)
S8         101  S7(7N)(GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR -
              FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR -
              BUILD? OR ESTABLISH? OR COMPUTE OR COMPUTES OR COMPUTED OR CO-
              MPUTING OR DERIV??? OR CALCULA?)
S9           0  (CONVERT??? OR CONVERSION OR TRANSFORM? OR TRANSLAT? OR CH-
              ANG??? OR MODIF???? OR MODIFICATION? ? OR ALTER??? OR ALTERAT-
              ION? ?)(7N)(MAP???? OR CORRELAT? OR ASSOCIAT? OR CORRESPOND?)-
              (7N)S1
S10          6  S4 AND S5:S6
S11          7  S8 AND VIEW? ?
S12         28  S2 OR S10:S11
S13         19  S12 AND AC=US/PR
S14          7  S13 AND AY=(1976:1997)/PR
S15          1  S12 AND PY=1970:1997
S16          7  S14:S15
```

5/26/2005

16/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016775952 **Image available**
WPI Acc No: 2005-100230/200511
Related WPI Acc No: 2000-450807; 2004-417160
XRPX Acc No: N05-087053

Record management system for multi-dimensional organization, has storage unit with master table index and query map storage units to house each dimension index and query map records, respectively

Patent Assignee: SHOUP R (SHOU-I); WOLF J (WOLF-I)
Inventor: SHOUP R; WOLF J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050010579	A1	20050113	US 97865560	A	19970529	200511 B
			US 2000513364	A	20000225	
			US 2004823096	A	20040412	

Priority Applications (No Type Date): US 97865560 A 19970529; US 2000513364 A 20000225; US 2004823096 A 20040412
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20050010579	A1		46	G06F-007/00	Cont of application US 97865560 Cont of application US 2000513364 Cont of patent US 6073134 Cont of patent US 6735590

Abstract (Basic): US 20050010579 A1

NOVELTY - The system has processing engines to generate a record structure foundation from a data, where the foundation includes a **query map** record and a **dimension index** record. A storage unit is coupled to the engine and configured to house the foundation. The storage unit includes a **master table index** storage unit (204) and a **query map** storage unit (203) to house each **dimension index** and **query map** records, respectively.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(A) a method to update the **master table index** storage unit

(B) a method to construct layout mapping of cells

(C) a method to **generate** a **multi - dimensional view** of records without **constructing** a **multi - dimensional** record structure.

USE - Used for managing records of a multi-dimensional organization.

ADVANTAGE - The system allows viewing the measure records with respect to different dimensions, regardless of the hierarchical relationship between different dimensions. The system **generates** a **multi - dimensional view** of records without **constructing** a **multi - dimensional** record structure. The system thus allows to view the records using less time and memory than is required for the traditional **generation** of a **multi - dimensional view** . The system has no need to be instructed about any association between dimensions and dimension values, thus the user of the system is relieved of providing much information that is necessary to the operation of the traditional multi-dimensional record management system.

DESCRIPTION OF DRAWING(S) - The drawing shows a multi-dimensional record management system.

Record management system (200)
Master table storage unit (202)
Query map storage unit (203)
Master table index storage unit (204)
Layout mapping storage unit (205)
Processing engines (209, 210, 211, 212)

pp; 46 DwgNo 5/20
Title Terms: RECORD; MANAGEMENT; SYSTEM; MULTI; DIMENSION; ORGANISE; STORAGE; UNIT; MASTER; TABLE; INDEX; QUERY; MAP; STORAGE; UNIT; HOUSE; DIMENSION; INDEX; QUERY; MAP; RECORD; RESPECTIVE
Derwent Class: T01
International Patent Class (Main): G06F-007/00
File Segment: EPI

16/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016259266 **Image available**
WPI Acc No: 2004-417160/200439
Related WPI Acc No: 2000-450807; 2005-100230
XRPX Acc No: N04-330818
Record management system in company, has index engine coupled to storage unit and another index storage unit, for creating dimension index record in index storage unit
Patent Assignee: ORACLE CORP (ORAC-N)
Inventor: SHOUP R; WOLF J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6735590	B1	20040511	US 97865560	A	19970529	200439	B
			US 2000513364	A	20000225		

Priority Applications (No Type Date): US 97865560 A 19970529; US 2000513364 A 20000225
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6735590	B1		42	G06F-017/30	Cont of application US 97865560 Cont of patent US 6073134

Abstract (Basic): US 6735590 B1
NOVELTY - The system comprises a storage unit (202) for storing a set of records retrieved from a data source, in response to a set of queries. The records contain a set of N **dimension** values. An **index** engine (211) coupled to the storage unit and another index storage unit (204), creates and stores a **dimension index** record in the **index** storage unit.
USE - For managing sales records in company.
ADVANTAGE - **Generates** a **multi - dimensional view** of the records at higher speeds with reduced memory usage. The need for providing a metadata list for each dimension value is unnecessary.
DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of the record management system.
input control unit (201)
master table (202)
query map (203)
index storage unit (204)
index engine (211)
pp; 42 DwgNo 5/20
Title Terms: RECORD; MANAGEMENT; SYSTEM; COMPANY; INDEX; ENGINE; COUPLE; STORAGE; UNIT; INDEX; STORAGE; UNIT; DIMENSION; INDEX; RECORD; INDEX; STORAGE; UNIT
Derwent Class: T01
International Patent Class (Main): G06F-017/30
File Segment: EPI

16/5/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013513885 **Image available**
WPI Acc No: 2000-685831/200067
XRPX Acc No: N00-506960
Computer readable medium has set of instructions executed by computer to identify set of group records in master table, where each group contains set of D dimension values
Patent Assignee: ORACLE CORP (ORAC-N)
Inventor: SHOUP R; WOLF J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6108657	A	20000822	US 97865574	A	19970529	200067	B

Priority Applications (No Type Date): US 97865574 A 19970529
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6108657	A		44	G06F-017/30	

Abstract (Basic): US 6108657 A
NOVELTY - The computer executes first set of instructions to identify set of d dimensions, where D is an integer. A second set of instructions are executed to identify a set of group of records in master table, where each group contains a set of D dimension values. A third set of instruction are executed to designate a set of cells for layout mapping, where each cell corresponds to a group.
DETAILED DESCRIPTION - Each dimension value in set of D dimension values is associated with a different one of D dimensions, and each of sets of D dimensional values contains a different combination of dimension values. Each group in a set of groups of records includes at least one record. An INDEPENDENT CLAIM is also included for record management system.
USE - Computer readable medium is used in database record management system in computer.
ADVANTAGE - Provides multi-dimensional organization, maintenance, and views of records by displaying records in multi-dimensional format at higher speeds with reduced memory usage. Reduces burden on user to provide metadata list of each dimension value associated with a dimension and the hierarchical relationship between each dimension value, has augments multidimensional record view with records retrieved from subsequent query.
DESCRIPTION OF DRAWING(S) - The figure shows sequence of operations performed by record management system to **generate** a **multidimensional view** .
pp; 44 DwgNo 6A/20
Title Terms: COMPUTER; READ; MEDIUM; SET; INSTRUCTION; EXECUTE; COMPUTER; IDENTIFY; SET; GROUP; RECORD; MASTER; TABLE; GROUP; CONTAIN; SET; DIMENSION; VALUE
Derwent Class: T01
International Patent Class (Main): G06F-017/30
File Segment: EPI

16/5/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013051394 **Image available**
WPI Acc No: 2000-223248/200019
Related WPI Acc No: 1997-011819; 2000-136025; 2000-159799; 2001-326838; 2002-392642
XRPX Acc No: N00-167280
System for simulating movement in computer generated multidimensional **space, views captured using a fisheye lens are seamed together and stored as planar polygons along with three-dimensional environmental data**

for use in playback
Patent Assignee: IMOVE INC (IMOV-N)
Inventor: BAKER T; GILBERT S; GOLIN S J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6031540	A	20000229	US 95552299	A	19951102	200019	B
			US 97980503	A	19971201		

Priority Applications (No Type Date): US 97980503 A 19971201; US 95552299 A 19951102
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6031540	A		13	G06F-015/00	CIP of application US 95552299 CIP of patent US 5694531

Abstract (Basic): US 6031540 A

NOVELTY - Images are captured (101) and used to form planar projections (103) at key points. Analysis (104) segments the images into polygons that are projections of approximately planar areas, these are extended (105) with occluded imagery, compressed (106) and stored (107) with three-dimensional and other data. To view, the playback system reads (132) data relevant to the nearest key point, decompresses (133), translates (134) and rotates (135) it before display (136).

USE - For use in digital image processing and computer graphics, particularly, in generating full-sphere panorama views using sub hemispherical images and for simulating free movement within a multidimensional environment which can be either computer generated or real.

ADVANTAGE - The projections are planar and consist of polygons that are projections of areas in the environment that are approximately planar. The locations of these areas are stored, giving the playback system the three-dimensional information necessary to infer how the individual polygons move with the viewpoint and thus simulate parallax. Because it simulates parallax, the system can produce stereographic images. Imagery that is occluded at a key point but visible at a nearby viewpoint is added to that key point, either by extending existing polygons or by creating new ones.

DESCRIPTION OF DRAWING(S) - The figure is a flow chart illustrating an overview of the image processing method.

Image capture ((103) Form planar projections ((104) Perform three-dimensional analysis to find polygons ((105) Extend polygons ((106) Compress polygons ((107) Store data ((132) Read data ((133) Decompress polygons ((134) Translate polygons to desired position ((135) Rotate polygons to desired orientation ((136) Display image. ((101)

pp; 13 DwgNo 1/11
Title Terms: SYSTEM; SIMULATE; MOVEMENT; COMPUTER; GENERATE; MULTIDIMENSIONAL; SPACE; VIEW; CAPTURE; LENS; SEAM; STORAGE; PLANE; POLYGONAL; THREE; DIMENSION; ENVIRONMENT; DATA; PLAYBACK
Derwent Class: T01
International Patent Class (Main): G06F-015/00
File Segment: EPI

16/5/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012651718 **Image available**
WPI Acc No: 1999-457823/199938
XRPX Acc No: N99-342467
Multidimensional view generating **method for records management system of database in computer**
Patent Assignee: ORACLE CORP (ORAC-N)

Inventor: SHOUP R; WOLF J
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5937408	A	19990810	US 97865415	A	19970529	199938	B

Priority Applications (No Type Date): US 97865415 A 19970529
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5937408	A		45	G06F-017/30	

Abstract (Basic): US 5937408 A

NOVELTY - A set of **query map** records are generated, each one identifying a query from a set of queries, a set of dimensions in D' dimensions called for by that query, and a set of measures in M' measures called for by that query, where M, D are integers.

DETAILED DESCRIPTION - An index is generated for a set of records retrieved in response to a set of queries, where N' dimension values, M' measures are represented throughout the set of records. Each of N' dimension values is associated with atleast one D' dimensions, where M, N and D are integers. An INDEPENDENT CLAIM is also included for computer readable medium.

USE - In record management system of database for computer.

ADVANTAGE - Enables viewing measure records with respect to different dimensions, regardless of hierarchical relationship between different dimensions.

DESCRIPTION OF DRAWING(S) - The figure shows state of **query map** after **query map** is updated, and after **master table index** is updated.

pp; 45 DwgNo 10B,10C/20

Title Terms: MULTIDIMENSIONAL; VIEW; GENERATE; METHOD; RECORD; MANAGEMENT; SYSTEM; DATABASE; COMPUTER
Derwent Class: T01
International Patent Class (Main): G06F-017/30
File Segment: EPI

16/5/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012470685 **Image available**
WPI Acc No: 1999-276793/199923
Related WPI Acc No: 1996-010541
XRPX Acc No: N99-207508

Multi-dimensional image production method using lenticular lenses - involves supplying special effect coating to desired portion of interlaced images to create desired visual effect after printing and arranging interlaced image in relation to lenticular lens

Patent Assignee: NAT GRAPHICS INC (NAGR-N)
Inventor: GOGGINS T P
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 5896230	A	19990420	US 94237074	A	19940503	199923	B
			US 96593252	A	19960129		
			US 96772025	A	19961219		
			US 97926224	A	19970909		

Priority Applications (No Type Date): US 97926224 A 19970909; US 94237074 A 19940503; US 96593252 A 19960129; US 96772025 A 19961219
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5896230	A		8	G02B-027/10	Cont of application US 94237074
					Cont of application US 96593252

CIP of application US 96772025
Cont of patent US 5488451
Cont of patent US 5617178

Abstract (Basic): US 5896230 A

NOVELTY - Lens (10) includes parallel lenticular lines (12) and flat back surface (14). Interlacing of planar images is carried out after arranging planar images in predefined sequence. The interlaced image are printed and arranged in predefined manner in relation to lenticular lens. Special effect coating is applied to desired portion of interlaced images to create desired visual effect.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is included for multi-dimensional image production apparatus.

USE - For producing multi-dimensional image having special effect such as glow in the dark feature, reflective qualities, fluorescent image for movie animations.

ADVANTAGE - Allows the viewer to perceive motion of the image while moving towards it.

DESCRIPTION OF DRAWING(S) - The figure shows an exploded view explaining multi - dimensional image production process.

Lens (10)
Lenticular lines (12)
Flat back surface (14)
pp; 8 DwgNo 5/5

Title Terms: MULTI; DIMENSION; IMAGE; PRODUCE; METHOD; LENTICULAR; LENS; SUPPLY; SPECIAL; EFFECT; COATING; PORTION; INTERLACED; IMAGE; VISUAL; EFFECT; AFTER; PRINT; ARRANGE; INTERLACED; IMAGE; RELATED; LENTICULAR; LENS

Derwent Class: P81

International Patent Class (Main): G02B-027/10

File Segment: EngPI

16/5/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

011591488 **Image available**

WPI Acc No: 1998-008617/ **199801**

Related WPI Acc No: 1996-424382; 2003-864185; 2003-874829

XRPX Acc No: N98-006816

Audio-visual game presentation including user-created variable images - provides entertainment for amusement park patrol with video game interface adaptor system, inserting user-image data into existing software

Patent Assignee: SITRICK D H (SITR-I)

Inventor: SITRICK D H

Number of Countries: 022 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9743020	A1	19971120	WO 97US8324	A	19970514	199801	B
US 5830065	A	19981103	US 92887715	A	19920522	199851	
			US 96645678	A	19960514		
EP 898488	A1	19990303	EP 97926552	A	19970514	199913	
			WO 97US8324	A	19970514		
JP 2000511368	W	20000829	JP 97541143	A	19970514	200045	
			WO 97US8324	A	19970514		
US 6425825	B1	20020730	US 92887715	A	19920522	200254	
			US 96645678	A	19960514		
			US 98184600	A	19981102		

Priority Applications (No Type Date): US 96645678 A 19960514; US 92887715 A 19920522; US 98184600 A 19981102

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes

WO 9743020 A1 E 79 A63F-009/22
Designated States (National): CA IL JP KR
Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
US 5830065 A CIP of application US 92887715
CIP of patent US 5553864
EP 898488 A1 E Based on patent WO 9743020
Designated States (Regional): DE ES FR GB IT NL
JP 2000511368 W 113 H04N-005/262 Based on patent WO 9743020
US 6425825 B1 A63F-009/24 CIP of application US 92887715
Cont of application US 96645678
CIP of patent US 5553864
Cont of patent US 5830065

Abstract (Basic): WO 9743020 A

The inventive system integrates a patron image into an audio-visual presentation. A standard input sequence within a room is derived from a computerised process, with user-images, video, voice, etc., prompting the user/patron to provide certain **views** / voiced statements. **Multi - dimensional** image data is then **generated** , incorporating the patron's input.

The composite image may be subsequently manipulated to change its appearance. This includes patron dress change, and the addition of artifacts, relevant to the entertainment area in use. The resulting image may be smoothly integrated into a pre-existing audio-visual presentation, thus introducing the user-patron as a synthetic actor into the production.

USE/ADVANTAGE - Improved interactive video-game presentation, enabling incorporation of user/patron-created images, either directly or via storage media, transferable between locations, enabling user 'inlay' into existing software images as synthetic participant.

Dwg.2B/12

Title Terms: AUDIO; VISUAL; GAME; PRESENT; USER; VARIABLE; IMAGE; ENTERTAINMENT; AMUSE; PARK; PATROL; VIDEO; GAME; INTERFACE; ADAPT; SYSTEM ; INSERT; USER; IMAGE; DATA; EXIST; SOFTWARE
Derwent Class: P36; T01; W04
International Patent Class (Main): A63F-009/22; A63F-009/24; H04N-005/262
International Patent Class (Additional): A63F-009/00; A63F-013/00
File Segment: EPI; EngPI

```
File 348:EUROPEAN PATENTS 1978-2005/May W03
         (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050519,UT=20050512
         (c) 2005 WIPO/Univentio

Set     Items   Description
S1        167   (MULTIDIMENSION? OR (MULTI OR N)()DIMENSION?)(5N)VIEW? ?
S2         24   S1(5N)(GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR -
               FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR -
               BUILD? OR ESTABLISH? OR COMPUTE OR COMPUTES OR COMPUTED OR CO-
               MPUTING OR DERIV??? OR CALCULA?)
S3     410061   MEASURES OR MEASUREMENT? ? OR METRIC? ? OR STATISTIC??
S4       3282   (MAP? ? OR MAPP???)(5N)(QUERY OR QUERIES OR REQUEST? ?)
S5       2526   (DIMENSION?? OR MULTIDIMENSION??)(5N)(INDEX?? OR INDICE? ?)
S6      16443   (MASTER OR MAIN OR PRIMARY OR PARENT OR TABLE? ?)(5N)(INDE-
               X?? OR INDICE? ?)
S7       1129   (MULTIDIMENSION? OR (MULTI OR N)()DIMENSION?)(5N)(MAP???? -
               OR CORRELAT? OR ASSOCIAT? OR CORRESPOND?)
S8        249   S7(7N)(GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR -
               FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR -
               BUILD? OR ESTABLISH? OR COMPUTE OR COMPUTES OR COMPUTED OR CO-
               MPUTING OR DERIV??? OR CALCULA?)
S9           2   (CONVERT??? OR CONVERSION OR TRANSFORM? OR TRANSLAT? OR CH-
               ANG??? OR MODIF???? OR MODIFICATION? ? OR ALTER??? OR ALTERAT-
               ION? ?)(7N)(MAP???? OR CORRELAT? OR ASSOCIAT? OR CORRESPOND?)-
               (7N)S1
S10          0   TRANSFORMING(7N)(MAP???? OR CORRELAT? OR ASSOCIAT? OR CORR-
               ESPOND?)(7N)S1
S11         17   S4(50N)S5:S6
S12         11   S8(50N)VIEW? ?
S13         51   S2 OR S9 OR S11:S12
S14         40   S13 AND AC=US/PR
S15         19   S14 AND AY=(1970:1997)/PR
S16         18   S13 AND PY=1970:1997
S17         21   S15:S16
```

17/3,K/1 (Item 1 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00856423
Meshes with variable resolution
Gitternetze mit veranderbarer Auflosung
Mailles a resolution variable
PATENT ASSIGNEE:
MICROSOFT CORPORATION, (749861), One Microsoft Way, Redmond, Washington 98052-6399, (US), (Proprietor designated states: all)
INVENTOR:
Hoppe, Hugues H., Apt. 401, 506 E. Howell, Seattle, Washington 98122, (US)
LEGAL REPRESENTATIVE:
Meddle, Alan Leonard et al (33761), FORRESTER & BOEHMERT, Pettenkoferstrasse 20-22, 80336 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 789329 A2 970813 (Basic)
EP 789329 A3 991103
EP 789329 B1 031015
APPLICATION (CC, No, Date): EP 97100126 970107;
PRIORITY (CC, No, Date): US 586953 960111
DESIGNATED STATES: DE; FR; GB
INTERNATIONAL PATENT CLASS: G06T-017/20
ABSTRACT WORD COUNT: 158
NOTE:
Figure number on first page: 8

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	199708W2	1553
CLAIMS B	(English)	200342	1554
CLAIMS B	(German)	200342	1477
CLAIMS B	(French)	200342	1815
SPEC A	(English)	199708W2	16361
SPEC B	(English)	200342	16391
Total word count - document A			17918
Total word count - document B			21237
Total word count - documents A + B			39155

...CLAIMS to the value of the level-of-detail variable; and
an image rendering and display means for **producing** and displaying a computer graphics **view** from the representation of the **multi - dimensional** geometric object at the level of detail.
9. The system of claim 8 comprising:
a geomorphs table...

...CLAIMS to the value of the level-of-detail variable; and
an image rendering and display means for **producing** and displaying a computer graphics **view** from the representation of the **multi - dimensional** geometric object at the level of detail.
9. The system of claim 8 comprising:
a geomorphs table...

17/3,K/2 (Item 2 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00851989
Virtual reality imaging system
Bildsystem fur virtuelle Realitat
Systeme d'imagerie en realite virtuelle
PATENT ASSIGNEE:

UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH, (1441770), P.O. Box 3000 , Boulder, CO 80307-3000, (US), (applicant designated states: AT;BE;CH;DE;DK;ES;FI;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
Myers, William Loring, 533-22nd street, Boulder, Colorado 80302, (US)
LEGAL REPRESENTATIVE:
Goodanew, Martin Eric et al (31082), MATHISEN, MACARA & CO. The Coach House 6-8 Swakeleys Road, Ickenham Uxbridge UB10 8BZ, (GB)
PATENT (CC, No, Kind, Date): EP 785532 A2 970723 (Basic)
EP 785532 A3 980729
APPLICATION (CC, No, Date): EP 97300245 970116;
PRIORITY (CC, No, Date): US 587222 960116
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
INTERNATIONAL PATENT CLASS: G06T-015/10;
ABSTRACT WORD COUNT: 175

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	9707W4	1558
SPEC A	(English)	9707W4	18289
Total word count - document A			19847
Total word count - document B			0
Total word count - documents A + B			19847

...SPECIFICATION each individual user. The graphic processing apparatus thence, in real time, presents the user with a customized **view** of the **multidimensional** space in a visual **form** by deleting information that is extraneous or confusing and presenting only the data that is of significant...for view replay purposes. In addition, temporal processor 184 can extrapolate past and present image data to **create** a **view** of the **multidimensional** space at a point in the future. Temporal processor 184 manipulates the available data at step 1914...

17/3,K/3 (Item 3 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00765567
VIRTUAL REALITY IMAGING SYSTEM
BILDDARSTELLUNGSSYSTEM FUR VIRTUELLE REALITAT
SYSTEME DE PRODUCTION D'IMAGES DE REALITE VIRTUELLE
PATENT ASSIGNEE:
UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH, (1441770), P.O. Box 3000 , Boulder, CO 80307-3000, (US), (Proprietor designated states: all)
INVENTOR:
MYERS, William, Loring, 533 22nd Street, Boulder, CO 80502, (US)
LEGAL REPRESENTATIVE:
Goodanew, Martin Eric et al (31082), MATHISEN, MACARA & CO. The Coach House 6-8 Swakeleys Road, Ickenham Uxbridge UB10 8BZ, (GB)
PATENT (CC, No, Kind, Date): EP 780009 A1 970625 (Basic)
EP 780009 B1 010328
WO 9607988 960314
APPLICATION (CC, No, Date): EP 95933036 950908; WO 95US11223 950908
PRIORITY (CC, No, Date): US 302640 940908
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
INTERNATIONAL PATENT CLASS: G06T-015/10
NOTE:
No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count

CLAIMS B	(English)	200113	888
CLAIMS B	(German)	200113	848
CLAIMS B	(French)	200113	1038
SPEC B	(English)	200113	17056
Total word count - document A			0
Total word count - document B			19830
Total word count - documents A + B			19830

...SPECIFICATION each individual user. The graphic processing apparatus thence, in real time, presents the user with a customized **view** of the **multidimensional** space in a visual **form** by deleting information that is extraneous or confusing and presenting only the data that is of significant...for view replay purposes. In addition, temporal processor 184 can extrapolate past and present image data to **create** a **view** of the **multidimensional** space at a point in the future. Temporal processor 184 manipulates the available data at step 1914...

17/3,K/4 (Item 4 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00711605
Reconfigurable data processing stage
Rekonfigurierbare Datenverarbeitungsstufe
Etage d'operation de donnees reconfigurable
PATENT ASSIGNEE:
DISCOVISION ASSOCIATES, (260273), 2355 Main Street Suite 200, Irvine, CA 92714, (US), (Proprietor designated states: all)
INVENTOR:
Wise, Adrian Philip, 10 Westbourne Cottages, Frenchay, Bristol, BS16 1NA, (GB)
Sotheran, Martin William, The Ridings, Wick Lane, Stinchcombe, Dursley, Gloucestershire, GL11 6BD, (GB)
Robbins, William Philip, 19 Springhill, Cam, Gloucestershire, GL11 5PE, (GB)
LEGAL REPRESENTATIVE:
Vuillermoz, Bruno et al (72791), Cabinet Laurent & Charras B.P. 32 20, rue Louis Chirpaz, 69131 Ecully Cedex, (FR)
PATENT (CC, No, Kind, Date): EP 674446 A2 950927 (Basic)
EP 674446 A3 960814
EP 674446 B1 010801
APPLICATION (CC, No, Date): EP 95301300 950228;
PRIORITY (CC, No, Date): GB 9405914 940324
DESIGNATED STATES: AT; BE; CH; DE; FR; GB; IE; IT; LI; NL
INTERNATIONAL PATENT CLASS: H04N-007/24; G06F-013/00; G06F-009/38
ABSTRACT WORD COUNT: 144
NOTE:
Figure number on first page: 10

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	2475
CLAIMS B	(English)	200131	1079
CLAIMS B	(German)	200131	1072
CLAIMS B	(French)	200131	1186
SPEC A	(English)	EPAB95	125236
SPEC B	(English)	200131	121335
Total word count - document A			127738
Total word count - document B			124672
Total word count - documents A + B			252410

...SPECIFICATION zero, only one request is generated. If there is an offset in either the x or y **dimension** then two requests are generated, i.e.,

the original block address and the one immediately below. With...

17/3,K/5 (Item 5 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00683517
Temporary pipeline register file for a superpipelined superscalar processor
Temporarer Registersatz fur einen superpipeline-superskalaren Prozessor
Jeu de registres temporaire pour un processeur superpipeline-superscalaire
PATENT ASSIGNEE:
SUN MICROSYSTEMS, INC., (1392730), 2550 Garcia Avenue, Mountain View, CA 94043, (US), (applicant designated states: DE;FR;GB;NL)
INVENTOR:
Yung, Robert, 5797 Commerce Drive, Fremont, California 94555, (US)
Joy, William N., P.O.Box 23, Aspen, Colorado 81612, (US)
Tremblay, Marc, 810 Waverly Street 3, Palo Alto, California 94301, (US)
LEGAL REPRESENTATIVE:
Wombwell, Francis et al (46021), Potts, Kerr & Co. 15, Hamilton Square, Birkenhead Merseyside L41 6BR, (GB)
PATENT (CC, No, Kind, Date): EP 653703 A1 950517 (Basic)
EP 653703 B1 990428
APPLICATION (CC, No, Date): EP 94307684 941019;
PRIORITY (CC, No, Date): US 153814 931117
DESIGNATED STATES: DE; FR; GB; NL
INTERNATIONAL PATENT CLASS: G06F-009/38; G06F-009/30;
ABSTRACT WORD COUNT: 138

LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9917	488
CLAIMS B	(German)	9917	493
CLAIMS B	(French)	9917	532
SPEC B	(English)	9917	6921
Total word count - document A			0
Total word count - document B			8434
Total word count - documents A + B			8434

...SPECIFICATION provides the input to pipeline A first stage 370 when an instruction is dispatched in pipeline A. **Mapping** logic 320 places a **request** to primary registers 330 for the input into pipeline A through a **primary** register read **indices** signal line. Register file registers 330 will retrieve the information stored at the register having virtual index...and write indices to control this operation are specified by mapping logic 320.
In a similar manner, **mapping** logic 320 **requests** inputs for pipeline B from primary registers 330 using the **primary** registers read **indices** signal and from temporary pipeline registers 340 using the temporary pipeline registers read indices signal line. The...

17/3,K/6 (Item 6 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00620713
VIRTUAL REALITY IMAGING SYSTEM AND METHOD
BILDSYSTEM UND VERFAHREN FUR VIRTUELLE REALITAT
SYSTEME ET METHODE D'IMAGERIE EN REALITE VIRTUELLE
PATENT ASSIGNEE:
UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH, (1441770), P.O. Box 3000 , Boulder, CO 80307-3000, (US), (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)

INVENTOR:
MYERS, William, Loring, 533 22nd Street, Boulder, CO 80302, (US)
LEGAL REPRESENTATIVE:
Goodanew, Martin Eric et al (31082), MATHISEN, MACARA & CO. The Coach House 6-8 Swakeleys Road, Ickenham Uxbridge UB10 8BZ, (GB)
PATENT (CC, No, Kind, Date): EP 663091 A1 950719 (Basic)
EP 663091 B1 980225
WO 9408312 940414
APPLICATION (CC, No, Date): EP 93922393 930927; WO 93US9128 930927
PRIORITY (CC, No, Date): US 955309 921001
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
INTERNATIONAL PATENT CLASS: G06T-015/10;
NOTE:
No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9809	2233
CLAIMS B	(German)	9809	2441
CLAIMS B	(French)	9809	2464
SPEC B	(English)	9809	15080
Total word count - document A			0
Total word count - document B			22218
Total word count - documents A + B			22218

...SPECIFICATION each individual user. The graphic processing apparatus thence, in real time, presents the user with a customized **view** of the **multidimensional** space in a visual **form** by deleting information that is extraneous or confusing and presenting only the data that is of significant...

17/3,K/7 (Item 7 from file: 348)
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00609067
FIXTURE GAUGE AND METHOD OF MANUFACTURING SAME
MESSVORRICHTUNG VON BEFESTIGUNGSTYP UND VERFAHREN ZU IHRER HERSTELLUNG
ENSEMBLE JAUGE DU TYPE MONTAGE DE FIXATION ET SON PROCEDE DE FABRICATION
PATENT ASSIGNEE:
McKENDRICK, Blair T., (1711750), 29684 Kenlock Drive, Farmington Hills, MI 48331, (US), (applicant designated states: AT;BE;CH;DE;DK;ES;FR;GB;GR;IE;IT;LI;LU;MC;NL;PT;SE)
INVENTOR:
McKENDRICK, Blair T., 29684 Kenlock Drive, Farmington Hills, MI 48331, (US)
LEGAL REPRESENTATIVE:
Viering, Jentschura & Partner (100645), Postfach 22 14 43, 80504 Munchen, (DE)
PATENT (CC, No, Kind, Date): EP 586688 A1 940316 (Basic)
EP 586688 A1 951220
EP 586688 B1 980610
WO 9320404 931014
APPLICATION (CC, No, Date): EP 93908731 930326; WO 93US3125 930326
PRIORITY (CC, No, Date): US 858877 920327
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE
INTERNATIONAL PATENT CLASS: G01B-005/20; G05B-019/40;
NOTE:
No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count

```
      CLAIMS B  (English)  9824       1635
      CLAIMS B   (German)  9824       1514
      CLAIMS B   (French)  9824       1774
      SPEC B    (English)  9824       6402
Total word count - document A            0
Total word count - document B        11325
Total word count - documents A + B   11325
```

...CLAIMS as alignment guides.
3. The method of claim 1 or 2, including the step of:
(E) automatically **generating multidimensional views** of at least certain of said gauge parts using said set of programmed instructions.
4. The method...

17/3,K/8 (Item 8 from file: 348)

```
DIALOG(R)File 348:EUROPEAN PATENTS
(c) 2005 European Patent Office. All rts. reserv.

00556508
```

MIXED RESOLUTION, N-DIMENSIONAL OBJECT SPACE
VORRICHTUNG UND VERFAHREN ZUR RAUMLICHEN DARSTELLUNG EINES N-DIMENSIONALEN OBJEKTES GEMISCHTER AUFLOSUNG
DISPOSITIF ET PROCEDE DE REPRESENTATION DE L'ESPACE D'UN OBJET A N DIMENSIONS ET RESOLUTION MIXTE

```
PATENT ASSIGNEE:
  WALKER-ESTES CORPORATION, (1539890), 3535 N.W. 58th Street, Suite 950,
    Oklahoma City, OK 73112, (US), (Proprietor designated states: all)
INVENTOR:
  ESTES, Mark, D., 4509 Bunny Run IV, Austin, TX 78746, (US)
  WALKER, John, Powell, 1704 Dorchester Place, Oklahoma City, OK 73120,
    (US)
LEGAL REPRESENTATIVE:
  Maguire, Peter Albert et al (33473), Maguire & Co. 5 Crown Street, St.
    Ives, Cambridgeshire PE17 4EB, (GB)
PATENT (CC, No, Kind, Date):  EP 567563  A1  931103 (Basic)
                              EP 567563  A1  940309
                              EP 567563  B1  991124
                              WO 9213313  920806
APPLICATION (CC, No, Date):   EP 92904389 920107;  WO 92US218  920107
PRIORITY (CC, No, Date): US 642508 910116
DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IT; LI; LU; MC; NL;
  SE
INTERNATIONAL PATENT CLASS: G06T-017/00
NOTE:
  No A-document published by EPO
LANGUAGE (Publication,Procedural,Application): English; English; English
FULLTEXT AVAILABILITY:
Available Text  Language   Update    Word Count
      CLAIMS B  (English)  9947       1323
      CLAIMS B   (German)  9947       1228
      CLAIMS B   (French)  9947       1578
      SPEC B    (English)  9947      13351
Total word count - document A            0
Total word count - document B        17480
Total word count - documents A + B   17480
```

...SPECIFICATION gt; 1, the required processing is not as obvious.
Patrick's approach to displaying a two-dimensional **view** of **N - dimensional** functions for n > 1 **establishes** a one-to-one **correspondence** between the **N - dimensional** domain if "f" is bounded, that is, statically predetermined.
Prior art methods cited above primarily are concerned...

17/3,K/9 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00456628 **Image available**
METHOD AND APPARATUS FOR STORING, RETRIEVING, AND PROCESSING MULTI-DIMENSIONAL CUSTOMER-ORIENTED DATA SETS
PROCEDE ET DISPOSITIF DE STOCKAGE, D'EXTRACTION ET DE TRAITEMENT DE FICHIERS MULTIDIMENSIONNELS ORIENTES CLIENT
Patent Applicant/Assignee:
HEDGCOCK Robert,
KEANE Timothy,
NAUGHTON Jeffrey,
Inventor(s):
HEDGCOCK Robert,
KEANE Timothy,
NAUGHTON Jeffrey,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9847092 A1 19981022
Application: WO 98US7212 19980410 (PCT/WO US9807212)
Priority Application: US 9743597 19970415
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 8601

Fulltext Availability:
Detailed Description

Detailed Description
... arranged as a third dimension.

There are a number of products which may present users with a **multi - dimensional view** of their data. Such **products** may fall into two groups or systems: those that actually store the data using multi-dimensional data...

17/3,K/10 (Item 2 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00431224 **Image available**
METHOD AND APPARATUS FOR EFFICIENTLY REPRESENTING, STORING AND ACCESSING VIDEO INFORMATION
PROCEDE ET APPAREIL PERMETTANT DE REPRESENTER, DE METTRE EN MEMOIRE ET D'ACCEDER DE MANIERE EFFICACE A DES INFORMATIONS VIDEO
Patent Applicant/Assignee:
SARNOFF CORPORATION,
Inventor(s):
BERGEN James R,
CARLSON Curt,
KUMAR Rakesh,
SAWHNEY Harpreet S,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9821688 A1 19980522
Application: WO 97US20652 19971114 (PCT/WO US9720652)
Priority Application: US 9631003 19961115

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
BR CA CN JP KR MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 12763

Fulltext Availability:
Detailed Description

Detailed Description
... client 170 in the information processing system 100 of FIG. 1.

The Video-Book utilizes a temporal 1index that is analogous to the **table**
of contents at the beginning of a written book, and a context index that is analogous to...

...of the Video-Book is a set of scenes, as previously described with respect to the video **map** . Upon **request** , all scenes of a video program can be displayed to a user in a storyboard (i.e...

17/3,K/11 (Item 3 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00418748 **Image available**
SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION
SYSTEMES ET PROCEDES DE GESTION DE TRANSACTIONS SECURISEES ET DE PROTECTION DE DROITS ELECTRONIQUES
Patent Applicant/Assignee:
INTERTRUST TECHNOLOGIES CORP,
Inventor(s):
GINTER Karl L,
SHEAR Victor H,
SIBERT W Olin,
SPAHN Francis J,
VAN WIE David M,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9809209 A1 19980305
Application: WO 97US15243 19970829 (PCT/WO US9715243)
Priority Application: US 96706206 19960830
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH HU
IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL
PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW GH KE LS MW SD
SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT
LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 195626

Fulltext Availability:
Detailed Description

Detailed Description
... addition to controlling one or more aspects of
usage) may prepare audits for a distributor and format **requests**
associated with the usage control for processing by a distributor.

Processes at either end of a reciprocal...

17/3,K/12 (Item 4 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00376923
STRUCTURED FOCUSED HYPERTEXT DATA STRUCTURE
STRUCTURE DE DONNEES HYPERTEXTE ARTICULEE SUR LA STRUCTURATION
Patent Applicant/Assignee:
HYPERMED LTD,
OREN Avraham,
OLCHA Lev,
KOWALSKI Nahum,
MARGULYAN Rita,
Inventor(s):
OREN Avraham,
OLCHA Lev,
KOWALSKI Nahum,
MARGULYAN Rita,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9717666 A2 **19970515**
Application: WO 96IL131 19961023 (PCT/WO IL9600131)
Priority Application: US 95551929 19951023
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 263802

Patent and Priority Information (Country, Number, Date):
Patent: ... **19970515**
Fulltext Availability:
Detailed Description
Publication Year: **1997**

Detailed Description
... Const RECIPTYPE-ORIG = 0
32022 Global Const RECIPTYPE-TO = I
Global Const Global Const RECIPTYPE-CC = 2
MAPI -E-NETWORK-FAILURE Global Const RECIPTYPE-BCC = 3
32023
Global Const Global Const ATTACHTYPE-DATA
MAPI-E...

17/3,K/13 (Item 5 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00364240 **Image available**
PRIORITY ARBITRATION FOR POINT-TO-POINT AND MULTIPOINT TRANSMISSION
ARBITRAGE DES PRIORITES LORS DE TRANSMISSIONS DE POINT A POINT OU DE POINT A PLUSIEURS POINTS
Patent Applicant/Assignee:
ASCOM NEXION INC,
MANNING Thomas A,
CALDARA Stephen A,
HAUSER Stephen A,
COLSMAN Matthias L,
Inventor(s):

MANNING Thomas A,
CALDARA Stephen A,
HAUSER Stephen A,
COLSMAN Matthias L,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9704565 A1 **19970206**
Application: WO 96US11945 19960718 (PCT/WO US9611945)
Priority Application: US 951498 19950719
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 6064

Patent and Priority Information (Country, Number, Date):
Patent: ... **19970206**
Fulltext Availability:
Claims
Publication Year: **1997**

Claim
... for point-to-multipoint transmission.

3 The network switch of claim 2 wherein said point-to multipoint **request map** further includes a bit vector field operative to store a representation of the output ports to which...

...be transmitted.
- 18
The network switch of claim 3 wherein said allocation map includes a switch allocation **table** operative to store an **index** identifier and an allocation **table** operative to store a bitmask which represents dynamic bandwidth within the switch, said allocation table indexed by...

17/3,K/14 (Item 6 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00364237 **Image available**
POINT-TO-MULTIPOINT ARBITRATION
ARBITRAGE POUR TRANSMISSION EN POINT-A-MULTIPOINT
Patent Applicant/Assignee:
ASCOM NEXION INC,
MANNING Thomas A,
CALDARA Stephen A,
HAUSER Stephen A,
COLSMAN Matthias L,
Inventor(s):
MANNING Thomas A,
CALDARA Stephen A,
HAUSER Stephen A,
COLSMAN Matthias L,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9704562 A1 **19970206**
Application: WO 96US11921 19960718 (PCT/WO US9611921)

Priority Application: US 951498 19950719
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IL IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English
Fulltext Word Count: 5251

Patent and Priority Information (Country, Number, Date):
Patent: ... **19970206**
Fulltext Availability:
Claims
Publication Year: **1997**

Claim
... of data enqueued for point-to-multipoint transmission.

3 The network switch of claim 2 wherein said **request map** further includes a bit vector field operative to store a representation of the output ports to which...

...be transmitted.
4 The network switch of claim 3 wherein said allocation map includes a switch allocation **table** operative to store an **index** identifier and an allocation **table** operative to store a bitmask which represents dynamic bandwidth within the switch, said allocation table indexed by...

17/3,K/15 (Item 7 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00348339 **Image available**
METHOD OF AND SYSTEM FOR FINANCIAL INSTITUTION BUDGETING AND PLANNING
PROCEDE ET SYSTEME POUR L'ETABLISSEMENT DU BUDGET ET LA PLANIFICATION DES INSTITUTIONS FINANCIERES
Patent Applicant/Assignee:
HOGAN SYSTEMS INC,
Inventor(s):
WAINSCOTT Charles R,
FERGUSON Sheila D,
HAWKINS Gery E,
REITER Steven W,
SALISBURY Shirley,
STANCIUS Veronika,
TIETZ Matthew R,
YUCHS Jane L,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9630852 A1 **19961003**
Application: WO 96US4290 19960328 (PCT/WO US9604290)
Priority Application: US 95413346 19950330
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG
Publication Language: English

Fulltext Word Count: 16757

Patent and Priority Information (Country, Number, Date):
  Patent: ... **19961003**
Fulltext Availability:
  Detailed Description
Publication Year: **1996**

Detailed Description
... the selection of the
  organization, product, customer and amount hierarchy
  structure. The hierarchies are used to dynamically **build**
  reports and to allow **multidimensional views** for on-line
  and batch reports. Definition of ownership of budget
  data also occurs in budget configuration...

17/3,K/16 (Item 8 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00325480 **Image available**
VIRTUAL REALITY IMAGING SYSTEM
SYSTEME DE PRODUCTION D'IMAGES DE REALITE VIRTUELLE
Patent Applicant/Assignee:
  UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH,
Inventor(s):
  MYERS William Loring,
Patent and Priority Information (Country, Number, Date):
  Patent: WO 9607988 A1 **19960314**
  Application: WO 95US11223 19950908 (PCT/WO US9511223)
  Priority Application: US 94302640 19940908
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
  AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 18007

Patent and Priority Information (Country, Number, Date):
  Patent: ... **19960314**
Fulltext Availability:
  Detailed Description
Publication Year: **1996**

Detailed Description
... each individual user. The graphic processing apparatus thence, in real
  time, presents the user with a customized **view** of the **multidimensional**
  space in a visual **form** by deleting information that is extraneous or
  confusing and presenting only the data that is of significant...for view
  replay purposes. In addition, temporal processor 184 can extrapolate past
  and present image data to **create** a **view** of the multidimensional
  space at a point in the fiiture. Temporal processor 184 manipulates the
  available data at step 1914...

17/3,K/17 (Item 9 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00260147
VIRTUAL REALITY IMAGING SYSTEM
SYSTEME D'IMAGERIE EN REALITE VIRTUELLE
Patent Applicant/Assignee:
  UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH,

Inventor(s):
MYERS William Loring,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9408312 A1 **19940414**
Application: WO 93US9128 19930927 (PCT/WO US9309128)
Priority Application: US 92955309 19921001
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AU CA JP AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: English
Fulltext Word Count: 17947

Patent and Priority Information (Country, Number, Date):
Patent: ... **19940414**
Fulltext Availability:
Detailed Description
Publication Year: **1994**

Detailed Description
... each individual user. The graphic processing apparatus thence, in real time, presents the user with a customized **view** of the **multidimensional** space in a visual **form** by deleting information that is extraneous or confusing and presenting only the data that is of significant...

17/3,K/18 (Item 10 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00246117
FIXTURE GAUGE AND METHOD OF MANUFACTURING SAME
ENSEMBLE JAUGE DU TYPE MONTAGE DE FIXATION ET SON PROCEDE DE FABRICATION
Patent Applicant/Assignee:
McKENDRICK Blair T,
Inventor(s):
McKENDRICK Blair T,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9320404 A1 **19931014**
Application: WO 93US3125 19930326 (PCT/WO US9303125)
Priority Application: US 92877 19920327
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
JP KR AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
Publication Language: German
Fulltext Word Count: 10269

Patent and Priority Information (Country, Number, Date):
Patent: ... **19931014**
Fulltext Availability:
Claims
Publication Year: **1993**

Claim
... relative to said gauge base.

2. The method of claim 1, including the step of: (F) automatically **generating** **multidimensional** **views** of at least certain of said gauge parts using said set of programmed instructions.

3. The method...parts relative to each other.

2. The method of claim 1, including the step of: (E) automatically **generating multidimensional views** of at least certain of said gauge parts using said set of programmed instructions.

3. The method...

17/3,K/19 (Item 11 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00216090
MIXED RESOLUTION, N-DIMENSIONAL OBJECT SPACE
DISPOSITIF ET PROCEDE DE REPRESENTATION DE L'ESPACE D'UN OBJET A N DIMENSIONS ET RESOLUTION MIXTE
Patent Applicant/Assignee:
WALKER-ESTES CORPORATION,
Inventor(s):
ESTES Mark D,
WALKER John Powell,
Patent and Priority Information (Country, Number, Date):
Patent: WO 9213313 A1 **19920806**
Application: WO 92US218 19920107 (PCT/WO US9200218)
Priority Application: US 91508 19910116

Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AT AU BE BR CA CH DE DK ES FR GB GR IT JP KR LU MC NL SE
Publication Language: English
Fulltext Word Count: 16239

Patent and Priority Information (Country, Number, Date):
Patent: ... **19920806**
Fulltext Availability:
Detailed Description
Publication Year: **1992**

Detailed Description
... n] > 1, the required processing is not as obvious.

Patrick's approach to displaying a two-dimensional **view** of **N - dimensional** functions for n > 1 **establishes** a one-to-one **correspondence** between the **N - dimensional** domain if 'If" is bounded,, that is, statically predetermined.

Prior art methods cited above primarily are concerned...

17/3,K/20 (Item 12 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00145632
METHOD AND APPARATUS FOR SAMPLING IMAGES TO SIMULATE MOVEMENT WITHIN A MULTIDIMENSIONAL SPACE
PROCEDE ET APPAREIL D'ECHANTILLONNAGE D'IMAGES POUR SIMULER UN MOUVEMENT A L'INTERIEUR D'UN ESPACE MULTIDIMENSIONNEL
Patent Applicant/Assignee:
DALECO IVEX PARTNERS LTD,
Inventor(s):
BLANTON Keith A,

TUMBLIN John E,
Patent and Priority Information (Country, Number, Date):
Patent: WO 8802517 A1 **19880407**
Application: WO 87US2213 19870902 (PCT/WO US8702213)
Priority Application: US 86507 19860930
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AT AU BE BR CH DE DK FI FR GB IT JP KR LU NL NO SE
Publication Language: English
Fulltext Word Count: 29354
Patent and Priority Information (Country, Number, Date):
Patent: ... **19880407**
Fulltext Availability:
Detailed Description
Publication Year: **1988**

Detailed Description
... known as "edge of the
"keypoint", which is def ined as a predetermined
location within an imaginary **multidimensional** space.

A " **view** " of the imaginary space is
generated as a function of the location and attitude
of an "eyepoint" within the imaginary space. The
view...

17/3,K/21 (Item 13 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
(c) 2005 WIPO/Univentio. All rts. reserv.

00144528 **Image available**
A CONTENT-ADDRESSABLE MEMORY SYSTEM
SYSTEME DE MEMOIRE ASSOCIATIVE
Patent Applicant/Assignee:
COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION,
UNISEARCH LIMITED,
ALLEN Murray William,
JAYASOORIAH,
COLOMB Robert Michael,
Inventor(s):
ALLEN Murray William,
JAYASOORIAH,
COLOMB Robert Michael,
Patent and Priority Information (Country, Number, Date):
Patent: WO 8801411 A1 **19880225**
Application: WO 87AU284 19870821 (PCT/WO AU8700284)
Priority Application: AU 867618 19860822; AU 867619 19860822
Designated States:
(Protection type is "patent" unless otherwise stated - for applications prior to 2004)
AT AU BE CH DE FR GB IT JP LU NL SE US
Publication Language: English
Fulltext Word Count: 9382

Patent and Priority Information (Country, Number, Date):
Patent: ... **19880225**
Fulltext Availability:
Detailed Description
Publication Year: **1988**

Detailed Description
... operations, described
previously, to be performed entirely on board a single

semi-conductor chip, Upon processing a **query** a final bit **map** can t!hen be examined to identify the records responding to the query. This examination is perform'ed by an external circuit which accesses the bit mapvthrough a shift out line 166. As the **index** for a **table** or file would be stored on a number of chips 150 and since only a few records...

```
File   8:Ei Compendex(R) 1970-2005/May W3
         (c) 2005 Elsevier Eng.  Info. Inc.
File  35:Dissertation Abs Online 1861-2005/May
         (c) 2005 ProQuest Info&Learning
File  65:Inside Conferences 1993-2005/May W4
         (c) 2005 BLDSC all rts. reserv.
File   2:INSPEC 1969-2005/May W3
         (c) 2005 Institution of Electrical Engineers
File  94:JICST-EPlus 1985-2005/Apr W1
         (c)2005 Japan Science and Tech Corp(JST)
File   6:NTIS 1964-2005/May W3
         (c) 2005 NTIS, Intl Cpyrght All Rights Res
File 144:Pascal 1973-2005/May W3
         (c) 2005 INIST/CNRS
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
         (c) 1998 Inst for Sci Info
File  34:SciSearch(R) Cited Ref Sci 1990-2005/May W4
         (c) 2005 Inst for Sci Info
File  99:Wilson Appl. Sci & Tech Abs 1983-2005/Apr
         (c) 2005 The HW Wilson Co.
File 266:FEDRIP 2005/Jan
         Comp & dist by NTIS, Intl Copyright All Rights Res
File  95:TEME-Technology & Management 1989-2005/Apr W3
         (c) 2005 FIZ TECHNIK
File 438:Library Lit. & Info. Science 1984-2005/Apr
         (c) 2005 The HW Wilson Co

Set     Items   Description
S1        587   (MULTIDIMENSION? OR (MULTI OR N)()DIMENSION?)(5N)VIEW? ?
S2         50   S1(5N)(GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR -
               FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR -
               BUILD? OR ESTABLISH? OR COMPUTE OR COMPUTES OR COMPUTED OR CO-
               MPUTING OR DERIV??? OR CALCULA?)
S3    6617296   MEASURES OR MEASUREMENT? ? OR METRIC? ? OR STATISTIC??
S4       1371   (MAP? ? OR MAPP???)(5N)(QUERY OR QUERIES OR REQUEST? ?)
S5       9053   (DIMENSION?? OR MULTIDIMENSION??)(5N)(INDEX?? OR INDICE? ?)
S6      12159   (MASTER OR MAIN OR PRIMARY OR PARENT OR TABLE? ?)(5N)(INDE-
               X?? OR INDICE? ?)
S7       4627   (MULTIDIMENSION? OR (MULTI OR N)()DIMENSION?)(5N)(MAP???? -
               OR CORRELAT? OR ASSOCIAT? OR CORRESPOND?)
S8        482   S7(7N)(GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR -
               FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR -
               BUILD? OR ESTABLISH? OR COMPUTE OR COMPUTES OR COMPUTED OR CO-
               MPUTING OR DERIV??? OR CALCULA?)
S9           0   (CONVERT??? OR CONVERSION OR TRANSFORM? OR TRANSLAT? OR CH-
               ANG??? OR MODIF???? OR MODIFICATION? ? OR ALTER??? OR ALTERAT-
               ION? ?)(7N)(MAP???? OR CORRELAT? OR ASSOCIAT? OR CORRESPOND?)-
               (7N)S1
S10          7   S4 AND S5:S6
S11         16   S8 AND VIEW? ?
S12         71   S2 OR S10:S11
S13         57   RD (unique items)
S14         27   S13 NOT PY=1998:2005
S15       7529   AU=(SHOUP, R? OR SHOUP R? OR WOLF, J? OR WOLF J?)
S16          0   S1 AND S15
```

14/5/2 (Item 2 from file: 8)
DIALOG(R)File 8:Ei Compendex(R)
(c) 2005 Elsevier Eng. Info. Inc. All rts. reserv.

04623937 E.I. No: EIP97023518500
Title: Data model for supporting on-line analytical processing
Author: Li, Chang; Wang, X. Sean
Corporate Source: George Mason Univ, Fairfax, VA, USA
Conference Title: Proceedings of the 1996 5th ACM CIKM International Conference on Information and Knowledge Management
Conference Location: Rockville, MD, USA Conference Date: 19961112-19961116
Sponsor: ACM; SIGIR; SIGART
E.I. Conference No.: 45973
Source: International Conference on Information and Knowledge Management, Proceedings 1996.. p 81-88
Publication Year: 1996
CODEN: 002176
Language: English
Document Type: CA; (Conference Article) Treatment: G; (General Review); T; (Theoretical)
Journal Announcement: 9704W1
Abstract: A database application, called `on-line analytical processing' (or OLAP) and aimed at providing business intelligence through on-line multidimensional data analysis, has become increasingly important due to the existence of huge amounts of on-line data. This paper formalizes a multidimensional data (MDD) model for OLAP, and develops an algebraic query language called grouping algebra. The basic component of the MDD model is a multidimensional cube, consisting of a number of relations (called dimensions) and for each combination of tuples (called a coordinate), one from each dimension, there is an associated data value. Each dimension is viewed as a basic grouping, i.e., each tuple in the dimension corresponds to the group consisting of all the coordinates that contain this tuple. In order to express user queries, relational algebra expressions are then extended to those on basic groupings for obtaining complex groupings, including order-oriented groupings (for expressing, e.g.: cumulative sum). The paper then considers the environment where the **multidimensional** cubes are materialized **views derived** from base data situated at remote sites. A multidimensional cube algebra is introduced in order to facilitate the data derivation. The purpose of the paper is to establish a formal foundation for further research regarding database support for OLAP applications. (Author abstract) 15 Refs.
Descriptors: *Relational database systems; Online searching; Online systems; Data reduction; Associative processing; Query languages; Mathematical models; Algebra
Identifiers: Multidimensional data (MDD) model; Grouping algebra; Online analytical processing (OLAP)
Classification Codes:
723.1.1 (Computer Programming Languages)
723.3 (Database Systems); 903.3 (Information Retrieval & Use); 722.4 (Digital Computers & Systems); 723.2 (Data Processing); 723.1 (Computer Programming)
723 (Computer Software); 903 (Information Science); 722 (Computer Hardware); 921 (Applied Mathematics)
72 (COMPUTERS & DATA PROCESSING); 90 (GENERAL ENGINEERING); 92 (ENGINEERING MATHEMATICS)

14/5/12 (Item 1 from file: 65)
DIALOG(R)File 65:Inside Conferences
(c) 2005 BLDSC all rts. reserv. All rts. reserv.

02059578 INSIDE CONFERENCE ITEM ID: CN021548858
A Batch Manufacturing Information Management System Based on Multidimensional View Generation **and Active Mechanism**

Takada, H.; Shimakawa, H.; Asano, Y.; Takegaki, M.
CONFERENCE: Cooperative database systems for advanced applications- International symposium
ADVANCED DATABASE RESEARCH AND DEVELOPMENT SERIES, 1997; VOL 7 P: 321-328
Singapore, (River Edge), NJ, World Scientific, 1997
ISBN: 981023161X
LANGUAGE: English DOCUMENT TYPE: Conference Papers
CONFERENCE EDITOR(S): Kambayashi, Y.; Yokota, K.
CONFERENCE SPONSOR: Kyoto University Research Project on Advanced Databases
CONFERENCE LOCATION: Kyoto, Japan
CONFERENCE DATE: Dec 1996 (199612) (199612)

BRITISH LIBRARY ITEM LOCATION: 0696.844000
DESCRIPTORS: cooperative database systems; advanced applications

14/5/17 (Item 5 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

4670287
Title: Powerlabs: Super Calc preview
Author(s): Honeyball, J.
Journal: Windows Magazine (U.K. Edition) vol.2, no.9 p.54-6, 58, 61
Publication Date: Feb. 1994 Country of Publication: UK
CODEN: WMAGEA
Language: English Document Type: Journal Paper (JP)
Treatment: Practical (P); Product Review (R)
Abstract: SuperCalc is one of the longest running PC programs around - but the new Windows version bears little resemblance to the original product. SuperCalc for Windows is a reasonable, if uninspiring, spreadsheet package. However, it has a powerful trick up its sleeve. Its modelling features allow you to **build multi - dimensional** data models and then to **view** the data from any view. Overall, SuperCalc for Windows is a product that offers some good functionality but lacks important advanced features for power users, which is somewhat of a pity given the past reputation of SuperCalc. (0 Refs)
Subfile: D
Descriptors: software packages; spreadsheet programs
Identifiers: PC programs; SuperCalc for Windows; spreadsheet package; multi-dimensional data models
Class Codes: D2010 (Business and professional); D2050 (Financial applications)

14/5/19 (Item 7 from file: 2)
DIALOG(R)File 2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

03163139 INSPEC Abstract Number: C88041437, D88001839
Title: Better hardware, better spreadsheet software
Author(s): Herbach, M.
Journal: Journal of Accounting and EDP vol.3, no.4 p.12-14
Publication Date: Winter 1988 Country of Publication: USA
ISSN: 8756-5714
Language: English Document Type: Journal Paper (JP)
Treatment: General, Review (G); Practical (P)
Abstract: For most accounting professionals, the electronic spreadsheet has become a valuable, analytic tool that simplifies many everyday tasks. Recent hardware developments-particularly the announcement by IBM of its new PS/2 series of microcomputers, which combine microcomputer flexibility with mainframe power-will result in a new generation of spreadsheet products. The enormous increase in memory-25 times the previous limit of

640 K-will result in greater power and the ability to create ever larger worksheets. IBM's new Operating System/2 (OS/2) will allow many of the features currently available only in mainframe financial modelling programs to be incorporated into micro spreadsheets. These include the auditability and clarity of model rules, **multidimensional** data **views** , and enhanced report **generation** . Furthermore, Presentation manager, the graphical interface to be built into OS/2, will make new spreadsheets both easier to learn and use because the user interface is more intuitive. (0 Refs)
Subfile: C D
Descriptors: accounting; accounts data processing; spreadsheet programs
Identifiers: IBM PS/2 microcomputer; model rule auditability; spreadsheet software; accounting; Operating System/2; financial modelling programs; multidimensional data views; report generation; Presentation manager; graphical interface
Class Codes: C7120 (Finance); D2050B (Accounting)

14/5/27 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management
(c) 2005 FIZ TECHNIK. All rts. reserv.

00932132 E95100775363
Olap: Praezisere Information durch mehrdimensionale Sicht. Eine neue Generation von Front-end-Werkzeugen fuer Decision-Support-Systeme
(Olap: more precise information by **multidimensional view** . A new **generation** of front-end-tools for decision-support-systems)
Winterkamp, T
Garmhausen, Eschborn, D
Computerwoche, v22, n41, pp50-51, 1995
Document type: journal article Language: German
Record type: Abstract
ISSN: 0170-5121

ABSTRACT:
Decision-Support-Systeme (DSS) werden effizienter durch sogenannte Dimensionen im Zusammenhang mit dem Online Analytical Processing (OLAP). Eine neue Sicht auf die Daten erlaubt schnellere und flexiblere Antworten auf Anfragen zur Unterstuetzung von Entscheidungen. Der Beitrag zeigt am Beispiel der Groesse Umsatz, wie eine solche Betrachtungsweise hinsichtlich der Bezugsgroessen Produkt, Verkaufsgebiet und Zeit erfolgen soll. Hintergrund dieser Entwicklung ist die sogenannte Normalisierung von Datenmodellen fuer relationale Datenbank-Management-Systeme (RDBMS), bei der diese Dimensionen in den Hintergrund gedraengt werden, da sie Redundanz bedeuten und somit scheinbar unnoetigen Speicherplatz beanspruchen sowie Probleme bei der Datensynchronisation und Leistungseinbussen hervorrufen. Aus dem Blickwinkel der Modellierung folgt ein logischer Denkprozess aber eher der Struktur einer Dimension als eines normalisierten Datenmodells. Die Umsetzung von Daten in eine relationale Tabelle ohne Normalisierung erfolgt durch die Definition aller Kombinationen, also Dimensionen, die jetzt die Rolle der Schluesselattribute fuer die Tabelle uebernehmen. Diesem Ansatz folgen neue Werkzeuge, die die mehrdimensionale Analyse ermoeglichen und diese mit Hilfe eines grafischen Front-ends praesentieren. Neue Sichten auf die Daten koennen schnell und ohne aufwendige SQL-Programmierung erzeugt werden. Diese OLAP-Werkzeuge erlauben die Erstellung von Applikationen zur Entscheidungsfindung, die auf mehrdimensionalen Modellen beruhen. Unterschieden werden zwei Haupttypen, solche mit physischer mehrdimensionaler Datenhaltung (fuer proprietaere Datenbanksysteme, auch OLAP-Server oder mehrdimensionales Datenbank-Management-System MDBMS), und solche mit virtueller mehrdimensionaler Datenhaltung (Ausnutzung der Faehigkeiten eines RDBMS in Verbindung mit speziellen Werkzeugen. Eine Tabelle zeigt die Systemanforderungen von OLAP und Online Transaktion Processing (OLTP). Die Schaffung eines Datenpools, z.B. durch ein Data-Warehouse, ist Voraussetzung fuer ein optimales Ergebnis der Rechenoperationen.

Translated by Google

14/5/27 (Item 1 from file: 95)
DIALOG(R)File 95:TEME-Technology & Management
(c) 2005 FIZ TECHNIK. All rts. reserv.

00932132 E95100775363
Olap: more precise information by multidimensional view . A new generation of front-end-tools for decision-support-systems
Winterkamp, T
Garmhausen, Eschborn, D
Computerwoche, v22, n41, pp50-51, 1995
Document type: journal article Language: German
Record type: Abstract
ISSN: 0170-5121

ABSTRACT:
Decision support systems (dss) become more efficiently by so-called dimensions in connection with that on-line Analytical processing (OLAP). A new view on the data permits faster and more flexible answers to inquiries for the support of decisions. The contribution shows by the example of the size of conversion, how such a viewpoint is to take place regarding the base factors product, sales area and time. Background of this development is the so-called normalization of data models for relational data base management systems (RDBMS), with which these dimensions are pushed into the background, since they mean redundancy as well as and thus problems stress apparently unnecessary storage location with the data synchronisation and achievement losses cause. From the point of view a logical thought process follows the modelling however rather the structure of a dimension as a normalized data model. The conversion of data to a relational table without normalization takes place via the definition of all combinations, thus dimensions, which take over the role of the key attributes for the table now. New tools, which make the multidimensional analysis possible and present these with the help of a graphic front ends, follow this beginning. New sighting on the data can be produced fast and without complex SQL programming. These OLAP tools permit the production from applications to decision making, which are based in multidimensional models. Differences become two dominant modes, such with physical multidimensional data retention (for proprietaere data base systems, also OLAP servers or multidimensional data base management system MDBMS), and such with virtual multidimensional data retention (utilization of the abilities of a RDBMS in connection with special tools. A table shows the system requirements of OLAP and on-line transaction processing (OLTP). The creation of a data pool, e.g. by a DATA Warehouse, is a condition for an optimal result of the arithmetic operations.

DESCRIPTORS: COMPUTER PROCESSING; APPLICATION SOFTWARE; DATA BANK; DATABASE MANAGEMENT SYSTEM; DATABASE THEORY; SOFTWARE TOOLS; COMPUTER PROGRAM; DECISION MAKING; DECISION SUPPORT SYSTEM
IDENTIFIERS: DATENBANK MANAGEMENT SYSTEM--(DBMS); RELATIONALES DATENBANK MANAGEMENT SYSTEM; VIRTUELLES DATENBANK MANAGEMENT SYSTEM; DATA WAREHOUSE--(SAMMLUNG VON DATEN); Datenbank-Management-System; Front-end-Werkzeug
?

```
File 275:Gale Group Computer DB(TM) 1983-2005/May 25
         (c) 2005 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2005/May 25
         (c) 2005 The Gale Group
File 636:Gale Group Newsletter DB(TM) 1987-2005/May 25
         (c) 2005 The Gale Group
File  16:Gale Group PROMT(R) 1990-2005/May 24
         (c) 2005 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
         (c) 1999 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2005/May 25
         (c)2005 The Gale Group
File 624:McGraw-Hill Publications 1985-2005/May 25
         (c) 2005 McGraw-Hill Co. Inc
File  15:ABI/Inform(R) 1971-2005/May 25
         (c) 2005 ProQuest Info&Learning
File 647:CMP  Computer Fulltext 1988-2005/May W1
         (c) 2005 CMP Media, LLC
File 674:Computer News Fulltext 1989-2005/May W3
         (c) 2005 IDG Communications
File 696:DIALOG Telecom. Newsletters 1995-2005/May 24
         (c) 2005 The Dialog Corp.
File 369:New Scientist 1994-2005/Apr W2
         (c) 2005 Reed Business Information Ltd.

Set     Items   Description
S1       1973   (MULTIDIMENSION? OR (MULTI OR N)()DIMENSION?)(5N)VIEW? ?
S2        403   S1(5N)(GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR -
                 FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR -
                 BUILD? OR ESTABLISH? OR COMPUTE OR COMPUTES OR COMPUTED OR CO-
                 MPUTING OR DERIV??? OR CALCULA?)
S3    3322616   MEASURES OR MEASUREMENT? ? OR METRIC? ? OR STATISTIC??
S4       3362   (MAP? ? OR MAPP???)(5N)(QUERY OR QUERIES OR REQUEST? ?)
S5       1197   (DIMENSION?? OR MULTIDIMENSION??)(5N)(INDEX?? OR INDICE? ?)
S6      45331   (MASTER OR MAIN OR PRIMARY OR PARENT OR TABLE? ?)(5N)(INDE-
                 X?? OR INDICE? ?)
S7        838   (MULTIDIMENSION? OR (MULTI OR N)()DIMENSION?)(5N)(MAP???? -
                 OR CORRELAT? OR ASSOCIAT? OR CORRESPOND?)
S8        162   S7(7N)(GENERAT? OR CREAT???? OR FASHION? OR CONSTRUCT? OR -
                 FORM?? OR FORMING OR FORMATION? ? OR PRODUC????? OR BUILT OR -
                 BUILD? OR ESTABLISH? OR COMPUTE OR COMPUTES OR COMPUTED OR CO-
                 MPUTING OR DERIV??? OR CALCULA?)
S9          2   (CONVERT??? OR CONVERSION OR TRANSFORM? OR TRANSLAT? OR CH-
                 ANG??? OR MODIF???? OR MODIFICATION? ? OR ALTER??? OR ALTERAT-
                 ION? ?)(7N)(MAP???? OR CORRELAT? OR ASSOCIAT? OR CORRESPOND?)-
                 (7N)S1
S10        14   S4(50N)S5:S6
S11        15   S8(50N)VIEW? ?
S12       189   S2(50N)(DATABASE? ? OR DATA()(BASE? ? OR WAREHOUSE? ?) OR -
                 DBMS OR RDBMS OR REPOSITOR??? OR (INFORMATION OR DATA)()MANAG-
                 ?)
S13       218   S9:S12
S14       129   RD (unique items)
S15        89   S14 NOT PY=1998:2005
S16        46   S2(50N)(S3:S7)
S17        74   S9:S11 OR S16
S18        41   RD (unique items)
S19        21   S18 NOT PY=1998:2005
S20        20   S19 NOT PD=19970529:19971231
```

20/3,K/1 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

02038522 SUPPLIER NUMBER: 19146569 (USE FORMAT 7 OR 9 FOR FULL TEXT)
WHITECROSS KEEPS ITS HEAD BY OFFERING SOMETHING DIFFERENT.
Computergram International, n3104, pCGN02200008
Feb 20, 1997
ISSN: 0268-716X LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 1273 LINE COUNT: 00100

... many database vendors do to minimise the performance hit is to use indexing to define how data **tables** are stored. **Indexes** are built to reference those columns most likely to be frequently searched. However, this can be very limiting to the end user. Indexing can also create additional overhead. WhiteCross instead uses a single image **index** , which is to **index** all **table** data in a single bit- **mapped** and compressed file. Any **query** refers to this single, **master index** to find where to look for the data. Holle says this single image index is not only efficient for data exploration, but it is also optimised for data loading, since changes to the **master index** are made on the fly and held in main memory, avoiding the need for disk access. So...

20/3,K/2 (Item 2 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01932945 SUPPLIER NUMBER: 18238211 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Paradox on the desktop: rethinking the present and future of Paradox 7. (relational DBMS from Borland)(Desktop DBMS)(Column) (Software Review)(Evaluation)
Spitzer, Tom
DBMS, v9, n5, p92(3)
May, 1996
DOCUMENT TYPE: Evaluation ISSN: 1041-5173 LANGUAGE: English
RECORD TYPE: Fulltext; Abstract
WORD COUNT: 3260 LINE COUNT: 00263

... set-oriented and ISAM data access into a single cursor model. When accessing client/server databases, BDE **maps** navigational **requests** to the appropriate SQL queries.
Whether an application is opening an **indexed** Paradox **table** or executing a query against either a Paradox table or a server database, BDE creates a cursor...

20/3,K/3 (Item 3 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01888703 SUPPLIER NUMBER: 17956936 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Transforming data into action. (health and beauty manufacturer employ OLAP and workflow software) (Technology Information)
Youngworth, Paul
Data Based Advisor, v14, n1, p68(3)
Jan, 1996
ISSN: 0740-5200 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 1660 LINE COUNT: 00135

... s less of a limitation, you ask different questions," he said. "Your mind thinks differently. That can **change** your whole organization."
The ability to **map** a **multidimensional view** on top of relational data offers advantages to users and developers. Users see the data in a...

20/3,K/4 (Item 4 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01869219 SUPPLIER NUMBER: 17770570 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Red Brick props up flagship foundation; new tool speeds indexing time. (Red Brick Warehouse VPT 4.0 to have new bit-mapped indexing technology) (Product Announcement)
Phillips, Ben
PC Week, v12, n47, p45(2)
Nov 27, 1995
DOCUMENT TYPE: Product Announcement ISSN: 0740-1604 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 385 LINE COUNT: 00034

... less disk space than conventional B-tree (balanced-tree) indexes, Varghese added.
VPT 4.0 supports a **query** optimizer that can mix bit- **mapped** , star, and B-tree indexes to improve query performance, as well as dynamic reordering, which chooses the...

...The new version also includes a dynamic exit capability that determines the best time to stop using **indexes** and start using **table** scan methods.
Although the new version provides data cleansing or data preparation during the loading process, some...

20/3,K/5 (Item 5 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01785168 SUPPLIER NUMBER: 16912949 (USE FORMAT 7 OR 9 FOR FULL TEXT)
ARBOR ADDS UNIX SUPPORT TO ITS OLAP DATABASE.
Computergram International, pCGN05180013
May 18, 1995
ISSN: 0268-716X LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 220 LINE COUNT: 00021

TEXT:
...into Essbase's analytical data structure. SQL Drill Through on Essbase 3.2 also enables users to **view** summary data in Essbase and access its associated detailed relational data. Essbase **generates** SQL statements by **mapping** its **multidimensional** structure to fields of a relational table. Arbor will have release 3.2 up under HP-UX...

20/3,K/6 (Item 6 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01541360 SUPPLIER NUMBER: 12718663 (USE FORMAT 7 OR 9 FOR FULL TEXT)
CA-Complete. (from Computer Associates) (Software Review) (Spreadsheets) (one of two evaluations in 'An extra dimension') (Evaluation)
Whitehorn, Mark
PC User, n193, p51(4)
Sept 9, 1992
DOCUMENT TYPE: Evaluation ISSN: 0263-5720 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1661 LINE COUNT: 00121

ABSTRACT: Computer **Associates** ' CA-Complete is a **multidimensional** spreadsheet; essentially, it is a normal spreadsheet that has been modified to allow data to be manipulated...

...replace the familiar column labels (A, B, C, etc.) with words. This program makes it easy to **build multidimensional** spreadsheets and **produce** different **views** of them. For example, a fish supplier could set up a sheet comprising four dimensions: type of...

20/3,K/7 (Item 7 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

01500374 SUPPLIER NUMBER: 11937019 (USE FORMAT 7 OR 9 FOR FULL TEXT)
DataPivot turns the table on analysis: Brio's data-manipulation tool lets users reorganize existing data in different ways for analysis and presentation. (Brio Technology Inc.'s data manipulation tool)(includes related article summarizing DataPivot) (Software Review) (Evaluation)
Oski, Jonathan A.
MacWEEK, v6, n7, p52(1)
Feb 17, 1992
DOCUMENT TYPE: Evaluation ISSN: 0892-8118 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 1359 LINE COUNT: 00108

... analysis.
DataPivot's tools let you convert tabular data culled from other sources into DataPivot's unique **multidimensional** reporting **construct** . You then can **view** it from a variety of perspectives with a minimum amount of effort.
When individual bits of data...

...figures are a good example of this type of data: A manager might need to view sales **statistics** based on different characteristics, including product type, region, salesperson and time. Analyzing this information using conventional spreadsheets...

20/3,K/8 (Item 1 from file: 621)
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)
(c) 2005 The Gale Group. All rts. reserv.

01365584 Supplier Number: 46281601 (USE FORMAT 7 FOR FULLTEXT)
Computron introduces Sentinel, the first real-time Workflow process monitor.
Business Wire, p4041158
April 4, 1996
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1036

... purchase order, project notes, or variance explanation directly from Essbase. Essbase polls the workflow system and retrieves **statistics** at predetermined time intervals, **building** a historical **multidimensional view** of all the automated processes.
Computron Sentinel's graphical metaphor, which can be customized by the user...

20/3,K/9 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

03464731 Supplier Number: 47142006 (USE FORMAT 7 FOR FULLTEXT)
WHITECROSS KEEPS ITS HEAD BY OFFERING SOMETHING DIFFERENT
Wallen, Joanne
Computergram International, n3104, pN/A

Feb 20, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 1200

... many database vendors do to minimise the performance hit is to use indexing to define how data **tables** are stored. **Indexes** are built to reference those columns most likely to be frequently searched. However, this can be very limiting to the end user. Indexing can also create additional overhead. WhiteCross instead uses a single image **index** , which is to **index** all **table** data in a single bit- **mapped** and compressed file. Any **query** refers to this single, **master index** to find where to look for the data. Holle says this single image index is not only efficient for data exploration, but it is also optimised for data loading, since changes to the **master index** are made on the fly and held in main memory, avoiding the need for disk access. So...

20/3,K/10 (Item 2 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

03437691 Supplier Number: 47085578 (USE FORMAT 7 FOR FULLTEXT)
WHAT'S NEW WITH WHITECROSS AND MPP?
Software Futures, v6, n4, pN/A
Feb 1, 1997
Language: English Record Type: Fulltext
Document Type: Newsletter; Refereed; Trade
Word Count: 1788

... only of the total database, which in itself imposes performance drawbacks.

WhiteCross instead uses a single image **index** , which is to **index** all **table** data in a single bit- **mapped** and compressed file. Any **query** however simple or complex, refers to this single, **master index** to find where to look for the data.

Holle says this single image index is not only efficient for data exploration, but it is also optimized for data loading, since changes to the **master index** are made on the fly and held in RAM, avoiding the need for disk access.

So basically...

20/3,K/11 (Item 3 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2005 The Gale Group. All rts. reserv.

02993930 Supplier Number: 46110114 (USE FORMAT 7 FOR FULLTEXT)
OLAP ENTERS A NEW DIMENSION -- ONE-STOP SHOP (PART II)
Computer Business Review, v4, n35, pN/A
Feb 1, 1996
Language: English Record Type: Fulltext
Document Type: Newsletter; Trade
Word Count: 1401

... will generate SQL and get the data, transform it and fill up the cube.

Relational OLAP. ROLAP **products** provide multidimensional **views** of two-dimensional relational tables by using SQL. The idea is to have a layer that sits on top of the two-dimensional RDBMS and presents the data in a multidimensional **format** . While they may significantly reduce the costs **associated** with a separate **multidimensional** OLAP server, they carry a key constraint. They require the relational data to be represented in a...

20/3,K/12 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

04091645 Supplier Number: 45962010 (USE FORMAT 7 FOR FULLTEXT)
Red Brick props up flagship foundation; New tool speeds indexing time
PC Week, p45
Nov 27, 1995
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Tabloid; General Trade
Word Count: 362

... less disk space than conventional B-tree (balanced-tree) indexes, Varghese added.
VPT 4.0 supports a **query** optimizer that can mix bit- **mapped** , star, and B-tree indexes to improve query performance, as well as dynamic reordering, which chooses the...

...query.
The new version also includes a dynamic exit capability that determines the best time tostop using **indexes** and start using **table** scan methods.
Although the new version provides data cleansing or data preparation during the loading process, some...

20/3,K/13 (Item 2 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2005 The Gale Group. All rts. reserv.

03994352 Supplier Number: 45800043 (USE FORMAT 7 FOR FULLTEXT)
ORACLE LAUNCHES ORACLE7 RELEASE 7.3, BOOSTS PERFORMANCE FOR ENTERPRISE APPLICATIONS
PR Newswire, p919LA011
Sept 19, 1995
Language: English Record Type: Fulltext
Document Type: Newswire; Trade
Word Count: 984

... announcements over the coming months.

Data Warehousing
* Parallel-aware, cost-based optimizer
* Partition-level parallel optimization
* Bit **mapped index queries**
* Star **queries** of unlimited **tables**
* Adaptive parallel queries
* Parallel hash joins
* Improved space management
* Improved tuning facilities

Enterprise-Wide Distributed Applications
* Replication...

20/3,K/14 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

09831746 SUPPLIER NUMBER: 17868865 (USE FORMAT 7 OR 9 FOR FULL TEXT)
A positioning analysis of hotel brands - based on travel-manager perceptions.
Dev, Chekitan S.; Morgan, Michael S.; Shoemaker, Stowe
Cornell Hotel & Restaurant Administration Quarterly, v36, n6, p48(8)
Dec, 1995

ISSN: 0010-8804 LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 4454 LINE COUNT: 00362

... extent to which brands occupy the same perceptual space.
We applied probabilistic multidimensional scaling (MDS) algorithms to **derive** the coordinates for the perceptual **map** .(18) **Multidimensional** scaling is a method of **calculating** similarities between objects on a set of attributes. The calculations result in coordinates that can be plotted ...

...form a map. The distances thus calculated give an indication of the extent to which the respondents **view** brands as similar.
We obtained the MDS algorithms from the computer program "Multiscale," described in the box...

20/3,K/15 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

07998149 SUPPLIER NUMBER: 17288614 (USE FORMAT 7 OR 9 FOR FULL TEXT)
ORACLE DELIVERS DECISION SUPPORT: INTEGRATES NEW APPLICATIONS WITH THE ORACLE WAREHOUSE
PR Newswire, p718LA041
July 18, 1995
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 753 LINE COUNT: 00081

... or views. Additional options include ranking, sorting, exception filtering and color coding of data. The user can **construct multi - dimensional views** of data to **produce** the information for management reports. In addition to standard reports and **metrics** , graphical views give users a visual overview of the data in an intuitive format.
For example, a...

20/3,K/16 (Item 3 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

07666743 SUPPLIER NUMBER: 16392187 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Sybase query tool to optimize System 10; indexing software speeds data access. (Sybase's Interactive Query Accelerator to be integrated with its SQL Server relational DBMS) (Brief Article)
Bowen, Ted Smalley
PC Week, v12, n4, p46(1)
Jan 30, 1995
DOCUMENT TYPE: Brief Article ISSN: 0740-1604 LANGUAGE: ENGLISH
RECORD TYPE: FULLTEXT
WORD COUNT: 268 LINE COUNT: 00023

... last October when it purchased Expressway Technologies Corp., of Waltham, Mass. The software performs complex ad hoc **queries** using a patent-pending bit- **map** indexing method.
"In the past, parallelism has been the key [to speeding data access], but it lacks...

...apply multiple indexes concurrently. It can index all data and all data types."
The query tool obviates **table** scans and handles compressed **indexes** in memory, thus cutting I/O overhead, according to Kinikin. IQ Accelerator represents data values as bits...

20/3,K/17 (Item 4 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2005 The Gale Group. All rts. reserv.

07175651 SUPPLIER NUMBER: 15057744 (USE FORMAT 7 OR 9 FOR FULL TEXT)
CA merges spreadsheets, data. (Computer Associates International Inc.'s SuperCalc for Windows spreadsheet software) (Brief Article) (Product Announcement)
Barney, Doug
InfoWorld, v16, n6, p20(1)
Feb 7, 1994
DOCUMENT TYPE: Product Announcement ISSN: 0199-6649 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 330 LINE COUNT: 00028

... International Inc. and Microsoft Corp. offer pivoting in their core spreadsheets, while Lotus Development Corp. and Computer **Associates** have sold separate **products** for **multidimensional** analysis.

Grafting a spreadsheet onto a multidimensional database makes for an interesting match, according to Jeff Tarter, editor and publisher of SoftLetter, in Watertown, Mass. "The spreadsheet becomes a fixed **view** of a multidimensional world," Tarter said.

SuperCalc for Windows' new modeling features allow for as many as...

20/3,K/18 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01139583 97-88977
The relationship between work experience and job performance: A conceptual and meta-analytic review
Quinones, Miguel A; Ford, J Kevin; Teachout, Mark S
Personnel Psychology v48n4 PP: 887-910 Winter 1995
ISSN: 0031-5826 JRNL CODE: PPS
WORD COUNT: 7849

...TEXT: measures. A first step is to develop a framework that specifies the domain of interest and the **measures** that may be appropriate for each "cell" in the framework. Such a framework outlines the broad dimensions that characterize the various **measures** of work experience as well as the different levels of specificity within each dimension.

Recent research has tended to support this **multidimensional view** of the work experience **construct** . For example, Ford et al. (1992) identified three modes of measuring experience that seemed to capture the...

20/3,K/19 (Item 2 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

01135910 97-85304
Beyond patient satisfaction
Turner, Paul D; Pol, Louis G
Journal of Health Care Marketing v15n3 PP: 45-53 Fall 1995
ISSN: 0737-3252 JRNL CODE: JHC
WORD COUNT: 9077

...TEXT: The research on quality of care, limited as it may be, implies that a multidimensional approach to **measurement** representing the judgments of experts and other stakeholders is needed. The schema shown in Exhibit 1 integrates...

...Donabedian and Ware and the patient satisfaction approach with access and personnel dimensions into a model that **views** quality as a

multidimensional construct that must be measured within the context of micro and macro contextual factors.

Our dimensions of quality...

...distinct conceptual and measurable aspects, or key properties, of care quality. The schema goes beyond the direct **measurement** of quality to include the contexts in which quality is measured. Although contexts are certainly closely related...

20/3,K/20 (Item 3 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

00593224 92-08397
Storage Management in IBM APL Systems
Trimble, Ray
IBM Systems Journal v30n4 PP: 456-468 1991
ISSN: 0018-8670 JRNL CODE: ISY
WORD COUNT: 7501

...TEXT: number of pages required for an allocation. Each byte in the bit map is treated as an **index** into the **table** . The content of the table entry indicates whether the request can be satisfied from that section of the bit **map** .

If, for example, a **request** was made for six pages of storage, the request could be satisfied by either

* Six or more...

```
File 347:JAPIO Nov 1976-2005/Jan(Updated 050506)
         (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200533
         (c) 2005  Thomson Derwent
File 348:EUROPEAN PATENTS 1978-2005/May W03
         (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050519,UT=20050512
         (c) 2005 WIPO/Univentio

Set     Items   Description
S1       1196   AU=(SHOUP R? OR WOLF J?)
S2          5   S1 AND (MULTIDIMENSION? OR (MULTI OR N)()DIMENSION?)(3N)VI-
              EW? ?
```

2/5/1 (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016775952 **Image available**
WPI Acc No: 2005-100230/200511
Related WPI Acc No: 2000-450807; 2004-417160
XRPX Acc No: N05-087053

Record management system for multi-dimensional organization, has storage unit with master table index and query map storage units to house each dimension index and query map records, respectively

Patent Assignee: SHOUP R (SHOU-I); WOLF J (WOLF-I)
Inventor: **SHOUP R** ; **WOLF J**

Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20050010579	A1	20050113	US 97865560	A	19970529	200511 B
			US 2000513364	A	20000225	
			US 2004823096	A	20040412	

Priority Applications (No Type Date): US 97865560 A 19970529; US 2000513364 A 20000225; US 2004823096 A 20040412
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 20050010579	A1		46	G06F-007/00	Cont of application US 97865560 Cont of application US 2000513364 Cont of patent US 6073134 Cont of patent US 6735590

Abstract (Basic): US 20050010579 A1

NOVELTY - The system has processing engines to generate a record structure foundation from a data, where the foundation includes a query map record and a dimension index record. A storage unit is coupled to the engine and configured to house the foundation. The storage unit includes a master table index storage unit (204) and a query map storage unit (203) to house each dimension index and query map records, respectively.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the following:

(A) a method to update the master table index storage unit

(B) a method to construct layout mapping of cells

(C) a method to generate a **multi - dimensional view** of records without constructing a multi-dimensional record structure.

USE - Used for managing records of a multi-dimensional organization.

ADVANTAGE - The system allows viewing the measure records with respect to different dimensions, regardless of the hierarchical relationship between different dimensions. The system generates a **multi - dimensional view** of records without constructing a multi-dimensional record structure. The system thus allows to view the records using less time and memory than is required for the traditional generation of a **multi - dimensional view** . The system has no need to be instructed about any association between dimensions and dimension values, thus the user of the system is relieved of providing much information that is necessary to the operation of the traditional multi-dimensional record management system.

DESCRIPTION OF DRAWING(S) - The drawing shows a multi-dimensional record management system.

Record management system (200)
Master table storage unit (202)
Query map storage unit (203)
Master table index storage unit (204)
Layout mapping storage unit (205)
Processing engines (209, 210, 211, 212)
pp; 46 DwgNo 5/20

Title Terms: RECORD; MANAGEMENT; SYSTEM; MULTI; DIMENSION; ORGANISE; STORAGE; UNIT; MASTER; TABLE; INDEX; QUERY; MAP; STORAGE; UNIT; HOUSE; DIMENSION; INDEX; QUERY; MAP; RECORD; RESPECTIVE
Derwent Class: T01
International Patent Class (Main): G06F-007/00
File Segment: EPI

2/5/2 (Item 2 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

016259266 **Image available**
WPI Acc No: 2004-417160/200439
Related WPI Acc No: 2000-450807; 2005-100230
XRPX Acc No: N04-330818

Record management system in company, has index engine coupled to storage unit and another index storage unit, for creating dimension index record in index storage unit

Patent Assignee: ORACLE CORP (ORAC-N)
Inventor: **SHOUP R ; WOLF J**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6735590	B1	20040511	US 97865560	A	19970529	200439 B
			US 2000513364	A	20000225	

Priority Applications (No Type Date): US 97865560 A 19970529; US 2000513364 A 20000225
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6735590	B1		42	G06F-017/30	Cont of application US 97865560 Cont of patent US 6073134

Abstract (Basic): US 6735590 B1

NOVELTY - The system comprises a storage unit (202) for storing a set of records retrieved from a data source, in response to a set of queries. The records contain a set of N dimension values. An index engine (211) coupled to the storage unit and another index storage unit (204), creates and stores a dimension index record in the index storage unit.

USE - For managing sales records in company.

ADVANTAGE - Generates a **multi - dimensional view** of the records at higher speeds with reduced memory usage. The need for providing a metadata list for each dimension value is unnecessary.

DESCRIPTION OF DRAWING(S) - The figure shows a schematic view of the record management system.

input control unit (201)
master table (202)
query map (203)
index storage unit (204)
index engine (211)
pp; 42 DwgNo 5/20

Title Terms: RECORD; MANAGEMENT; SYSTEM; COMPANY; INDEX; ENGINE; COUPLE; STORAGE; UNIT; INDEX; STORAGE; UNIT; DIMENSION; INDEX; RECORD; INDEX; STORAGE; UNIT
Derwent Class: T01
International Patent Class (Main): G06F-017/30
File Segment: EPI

2/5/3 (Item 3 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013869311 **Image available**
WPI Acc No: 2001-353523/200137
XRPX Acc No: N01-256675
Computer implemented method to determine two pass value measure result, involves identifying a set of cells including all cells needed to determine the result and to determine one pass value for each cell
Patent Assignee: ORACLE CORP (ORAC-N)
Inventor: DOUGLAS J; **SHOUP R** ; VENKATASUBRAMANIAN R; **WOLF J**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6226647	B1	20010501	US 98122031	A	19980724	200137	B

Priority Applications (No Type Date): US 98122031 A 19980724
Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 6226647	B1		39	G06F-017/30	

Abstract (Basic): US 6226647 B1
NOVELTY - The method involves identifying a set of cells in the **multi - dimensional view** , so that the set of cells includes all cells needed for determining the two pass value measure result. A one pass value is determined in each of the all cells. The two pass value measure result is determined based on the determined one pass values.
DETAILED DESCRIPTION - The method involves identifying a set of combinations of groups of the records maintained in computer readable medium. The set of combinations includes all combinations of groups needed to determine the two pass value measure result. A one pass value is determined for each combination in the all combinations. A two pass value measure result is determined for each cell in the set of cells based on the one pass values determined. An INDEPENDENT CLAIM is also included for computer readable medium.
USE - Used in information systems.
ADVANTAGE - Provides a record management system to display a two pass value measure result in a **multidimensional view** . Makes efficient use of time and memory resources in the generation of two pass value **multidimensional views** .
DESCRIPTION OF DRAWING(S) - The figure shows the multi dimensional record structure.
pp; 39 DwgNo 2/12
Title Terms: COMPUTER; IMPLEMENT; METHOD; DETERMINE; TWO; PASS; VALUE; MEASURE; RESULT; IDENTIFY; SET; CELL; CELL; NEED; DETERMINE; RESULT; DETERMINE; ONE; PASS; VALUE; CELL
Derwent Class: T01
International Patent Class (Main): G06F-017/30
File Segment: EPI

2/5/4 (Item 4 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

013513885 **Image available**
WPI Acc No: 2000-685831/200067
XRPX Acc No: N00-506960
Computer readable medium has set of instructions executed by computer to identify set of group records in master table, where each group contains set of D dimension values
Patent Assignee: ORACLE CORP (ORAC-N)
Inventor: **SHOUP R** ; **WOLF J**
Number of Countries: 001 Number of Patents: 001
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 6108657	A	20000822	US 97865574	A	19970529	200067	B

Priority Applications (No Type Date): US 97865574 A 19970529
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 6108657 A 44 G06F-017/30

Abstract (Basic): US 6108657 A
NOVELTY - The computer executes first set of instructions to identify set of d dimensions, where D is an integer. A second set of instructions are executed to identify a set of group of records in master table, where each group contains a set of D dimension values. A third set of instruction are executed to designate a set of cells for layout mapping, where each cell corresponds to a group.
DETAILED DESCRIPTION - Each dimension value in set of D dimension values is associated with a different one of D dimensions, and each of sets of D dimensional values contains a different combination of dimension values. Each group in a set of groups of records includes at least one record. An INDEPENDENT CLAIM is also included for record management system.
USE - Computer readable medium is used in database record management system in computer.
ADVANTAGE - Provides **multi - dimensional** organization, maintenance, and **views** of records by displaying records in multi-dimensional format at higher speeds with reduced memory usage. Reduces burden on user to provide metadata list of each dimension value associated with a dimension and the hierarchical relationship between each dimension value, has augments **multidimensional** record **view** with records retrieved from subsequent query.
DESCRIPTION OF DRAWING(S) - The figure shows sequence of operations performed by record management system to generate a **multidimensional view** .
pp; 44 DwgNo 6A/20
Title Terms: COMPUTER; READ; MEDIUM; SET; INSTRUCTION; EXECUTE; COMPUTER; IDENTIFY; SET; GROUP; RECORD; MASTER; TABLE; GROUP; CONTAIN; SET; DIMENSION; VALUE
Derwent Class: T01
International Patent Class (Main): G06F-017/30
File Segment: EPI

2/5/5 (Item 5 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

012651718 **Image available**
WPI Acc No: 1999-457823/199938
XRPX Acc No: N99-342467
Multidimensional view generating method for records management system of database in computer
Patent Assignee: ORACLE CORP (ORAC-N)
Inventor: **SHOUP R** ; **WOLF J**
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No Kind Date Applicat No Kind Date Week
US 5937408 A 19990810 US 97865415 A 19970529 199938 B

Priority Applications (No Type Date): US 97865415 A 19970529
Patent Details:
Patent No Kind Lan Pg Main IPC Filing Notes
US 5937408 A 45 G06F-017/30

Abstract (Basic): US 5937408 A
NOVELTY - A set of query map records are generated, each one identifying a query from a set of queries, a set of dimensions in D' dimensions called for by that query, and a set of measures in M' measures called for by that query, where M, D are integers.

DETAILED DESCRIPTION - An index is generated for a set of records retrieved in response to a set of queries, where N' dimension values, M' measures are represented throughout the set of records. Each of N' dimension values is associated with atleast one D' dimensions, where M, N and D are integers. An INDEPENDENT CLAIM is also included for computer readable medium.

USE - In record management system of database for computer.

ADVANTAGE - Enables viewing measure records with respect to different dimensions, regardless of hierarchical relationship between different dimensions.

DESCRIPTION OF DRAWING(S) - The figure shows state of query map after query map is updated, and after master table index is updated.

pp; 45 DwgNo 10B,10C/20

Title Terms: MULTIDIMENSIONAL; VIEW; GENERATE; METHOD; RECORD; MANAGEMENT; SYSTEM; DATABASE; COMPUTER

Derwent Class: T01

International Patent Class (Main): G06F-017/30

File Segment: EPI